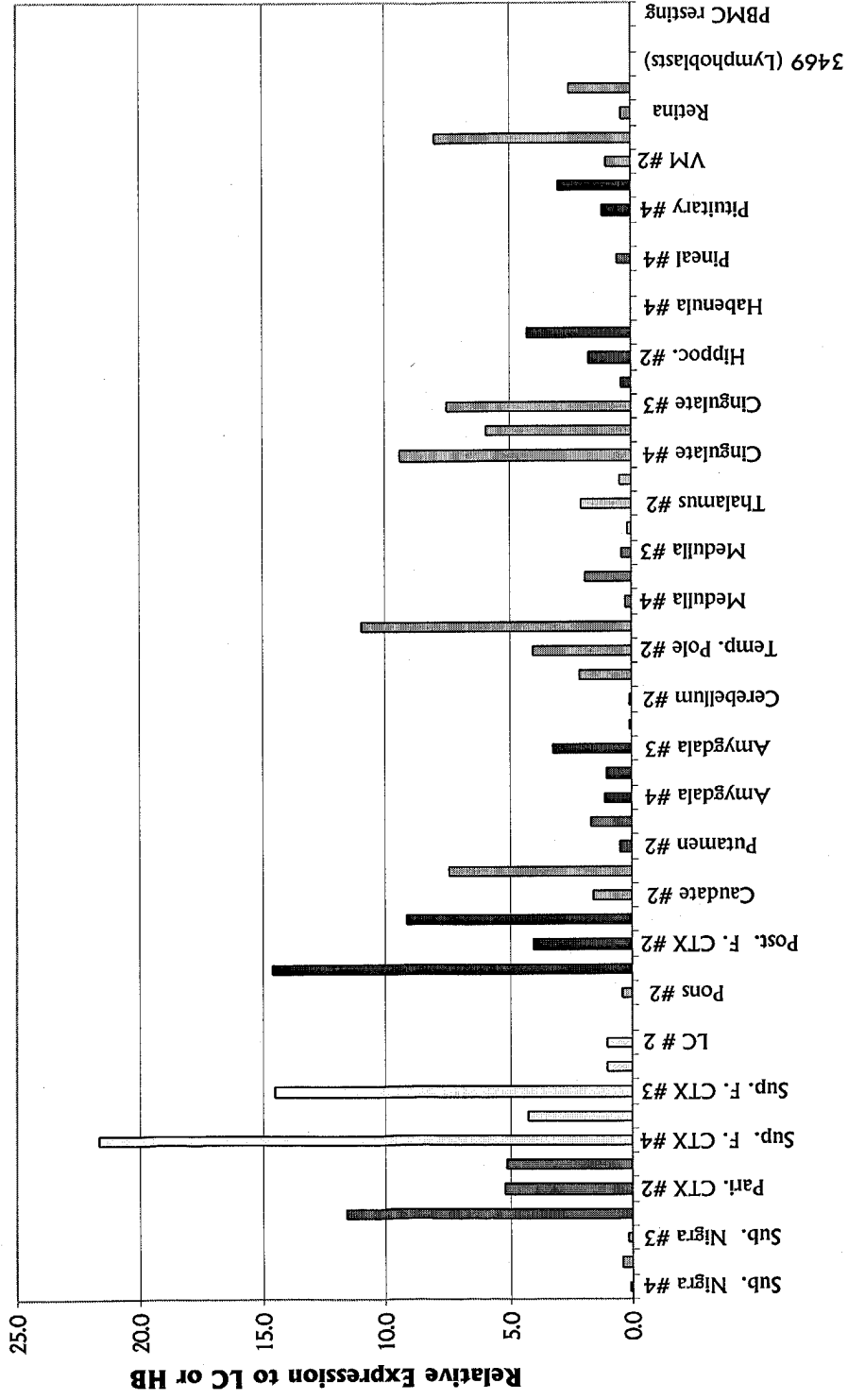


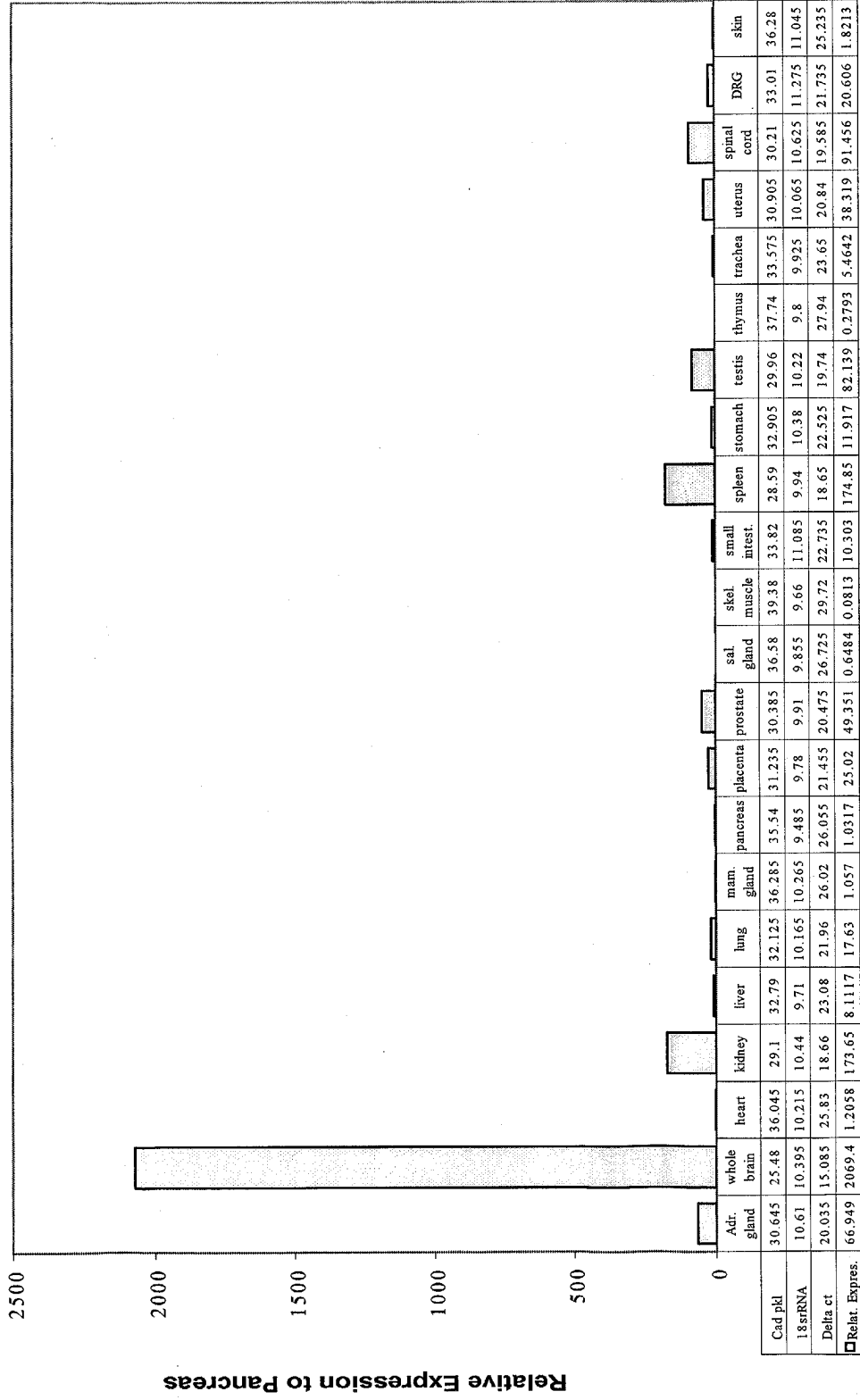
CADPKL:	14	KQTTNIRKTFIFMEVILGSGAFSEVFLVKQRLTGLKLFALKCI-KKSPAFRDSSELENAVL 72 KQ +IR + F +VIG+GAFSEV L+ + T KL A+KCI K++ ++ S+ENEIAVL
CAMK1:	11	KQAEIDIRIDYDFRDVLGTGAFSEVILAEADRKTQKLVAIKCIAKEALEGKESGMENEAIVL 70
CADPKL:	73	KKIKHENIVTLEDIYESTHYLLVMQLVSGGELFDRILERGVTYTEKDASLVIQQVLSAVK 132 KIKH NIV L+DIYES H YL+MQLVSGGELFDRI+E+G YTE+DAS +I QVL AVK
CAMK1:	71	HKIKHPNIVALDDIYESGGHLYLIMQLVSGGELFDRIVEKGFYTERDASRLIFQVLDVAVK 130
CADPKL:	133	YLHENGIVHRDLKPEMLLYLTPEENSKIMITDFGLSKMEQNG-IMSTACGTPGYVAPEVL 191 YLH+ GIVHRDLKPEMLLY + +E+SKIMI+DFGLSKME G ++STACGTPGYVAPEVL
CAMK1:	131	YLHDLGIVHRDLKPEMLLYYSLDEDSKIMISDFGLSKMEDPGSVLSTACGTPGYVAPEVL 190
CADPKL:	192	AQKPYSKAVDCWSIGVITYILLCGYPFFYEETESKLFEKIKEGYEFEFSPFWDIDISESAK 251 AQKPYSKAVDCWSIGVI YILLCGYPFY+E +KLFE+I + YEF+SP+WDDIS+SAK
CAMK1:	191	AQKPYSKAVDCWSIGVIAYILLCGYPFFYDENDAKLFEQILKAEYEFDSFYWDDISDSAK 250
CADPKL:	252	DFICHLLEKDFNERYTCEKALSHPWIDGN TALHRDIYPSVSLQIQKNFAKSKWROAFNAA 311 DFI HL+EKDP +R+TCE+AL HPWI G+TAL ++I+ SVS QI+KNFAKSKW+QAFNA
CAMK1:	251	DFIRHLMEKDPEKRFETCEQALQHPWIAGDTALDKNIHQSVSEQIKKNFAKSKWQAFNAT 310
CADPKL:	312	AAVHRMRKLHMLNLSPG 328 AAV HMRKL + G
CAMK1:	311	AAVHRMRKLQLGTSQEG 327

**FIG. 1**

**Cad pkl mRNA Expression in Human Brain Regions (Brain #2,3&4)**



**FIG. 2**



Tissue Type